

under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

As a named inventor, I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:
J. S. Ray-Yarletts, Reg. No. 39,808; B. A. Clay, Reg. No. 32,121; G. M. Doudnikoff, Reg. No. 32,847;
E. H. Duffield, Reg. No. 25,970; J. W. Herndon, Reg. No. 27,901; C. A. Hughes, Reg. No. 26,914;
E. A. Pennington, Reg. No. 32,588; J. E. Hoel, Reg. No. 26,279; and J. C. Redmond, Jr., Reg. No. 18,753.

Send all correspondence to: Edward H. Duffield
IBM Corp., Dept. T81/Bldg. 062
P.O. Box 12195
Research Triangle Park, NC 27709
Phone: 919-254-1301 Fax: 919-254-4330

- Office of the Commissioner of Patents and Trademarks
- (1) Inventor: **David K. McKnight**
Signature: *David McKnight* Dec 16, 1999
Date
Residence: 2350 Dundas Street West, #329
Toronto, Ontario, M6P 4B1 Canada
Citizenship: Canadian
Post Office Address: same as residence
- (2) Inventor: **Eduardus A.T. Merks**
Signature: *Ed Merks* Dec 20/99
Date
Residence: 7 Concorde Place, #1902
North York, Ontario M3C 3N4 Canada
Citizenship: Canadian
Post Office Address: same as residence